

48. The isolated nucleic acid molecule of claim ~~47~~ comprising the nucleotide sequence of SEQ ID NO: 1.

Sub E3
49. A vector comprising the isolated nucleic acid molecule of any of claims 46, 47, or ~~48~~.

48.
~~50. A host cell comprising the isolated nucleic acid molecule of any of claims 46, 47, or~~

51. A host cell comprising the vector of claim ~~49~~.

C2 cont
52. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:2.

Sub E2
53. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:6.

54. The isolated nucleic acid molecule of claim 52 comprising the nucleotide sequence of SEQ ID NO: 2.

54.
55. A vector comprising the isolated nucleic acid molecule of any of claims 52, 53, or

54.
56. A host cell comprising the isolated nucleic acid molecule of any of claims 52, 53, or

57. A host cell comprising the vector of claim 55.

58. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:3.

Sub E3
59. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:7.

60. The isolated nucleic acid molecule of claim 59 comprising the nucleotide sequence of SEQ ID NO: 3.

61. A vector comprising the isolated nucleic acid molecule of any of claims 58, 59, or

62. A host cell comprising the isolated nucleic acid molecule of any of claims 58, 59, or

63. A host cell comprising the vector of claim 61.

64. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:4.

Sub E4
65. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:8.

66. The isolated nucleic acid molecule of claim 65 comprising the nucleotide sequence of SEQ ID NO:4.

67. A vector comprising the isolated nucleic acid molecule of any of claims 64, 65, or

66.

68. A host cell comprising the isolated nucleic acid molecule of any of claims 64, 65, or

66.

69. A host cell comprising the vector of claim 67.

70. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:13.

71. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 14.

72. The isolated nucleic acid molecule of claim 71 comprising the nucleotide sequence of SEQ ID NO: 13.

73. A vector comprising the isolated nucleic acid molecule of any of claims 70, 71, or 72.

74. A host cell comprising the isolated nucleic acid molecule of any of claims 70, 71, or

72.

75. A host cell comprising the vector of claim 73.

76. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:10.

77. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 12.

³³
78. The isolated nucleic acid molecule of claim 77 comprising the nucleotide sequence of SEQ ID NO: 10.

Sub 33
E+ 78.
79. A vector comprising the isolated nucleic acid molecule of any of claims 76, 77, or

80. A host cell comprising the isolated nucleic acid molecule of any of claims 76, 77, or
78.

81. A host cell comprising the vector of claim 79.

82. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:15.

Sub E1
83. The isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 15.

84. A vector comprising the isolated nucleic acid molecule of any of claims 82 or 83.

85. A host cell comprising the isolated nucleic acid molecule of any of claims 82 or 83.

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86. A host cell comprising the vector of claim 84.--

REMARKS

Claims 17-18 and 46-86 are pending, claims 1-16 having been cancelled and claims 46-86 having been added by the above amendment.

Support for new claims 46-86 appear throughout the specification, e.g., support for new claims 46-51 appear in the specification at page 2, lines 12-15, page 5, lines 26-30, and page 3,